eurofins | Spectrum Analytical

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

Report Date:
25-Apr-17 10:56

Laboratory Report

Gulf Oil L.P.
281 Eastern Avenue
Chelsea, MA 02150
Attn: Andrew P. Adams

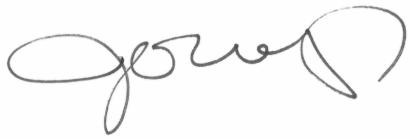
Project: Gulf Terminal - Chelsea, MA
Project #: Gulf Chelsea

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SC33298-01	Outfall 003	Surface Water	06-Apr-17 11:00	10-Apr-17 15:37

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87936
Maine # MA138
New Hampshire # 2972/2538
New Jersey # MA011
New York # 11393
Pennsylvania # 68-04426/68-02924
Rhode Island # LAO00348
USDA # P330-15-00375
Vermont # VT-11393

Authorized by:



June O'Connor
Laboratory Director

Eurofins Spectrum Analytical holds primary certification in the State of Massachusetts for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of Massachusetts does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 11 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Eurofins Spectrum Analytical, Inc.

Eurofins Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Eurofins Spectrum Analytical, Inc. is currently accredited for the specific method or analyte indicated. Please refer to our 'Quality' web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Eurofins Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey, Pennsylvania and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (PA-68-04426).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

CASE NARRATIVE:

Data has been reported to the RDL. This report excludes estimated concentrations detected below the RDL and above the MDL (J-Flag).

All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

The samples were received 1.2 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

Analyses for Total Hardness, pH, and Total Residual Chlorine fall under the state of Pennsylvania code Chapter 252.6 accreditation by rule.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 8260C

Calibration:

1704007

Analyte quantified by quadratic equation type calibration.

Naphthalene

This affected the following samples:

1706027-BLK1
1706027-BS1
1706027-BSD1
Outfall 003
S703521-ICV1
S703658-CCV1

SW846 8270D SIM

Calibration:

1704025

Analyte quantified by quadratic equation type calibration.

Benzo (a) pyrene
Benzo (e) pyrene-d12

This affected the following samples:

1706060-BLK2
1706060-BS2
1706060-BSD2
Outfall 003
S703654-ICV1
S703717-CCV1
S703772-CCV1

Sample Acceptance Check Form

Client:	Gulf Oil L.P.
Project:	Gulf Terminal - Chelsea, MA / Gulf Chelsea
Work Order:	SC33298
Sample(s) received on:	4/10/2017

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
Were custody seals present?	☐	☑	☐
Were custody seals intact?	☐	☐	☑
Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
Were samples refrigerated upon transfer to laboratory representative?	☑	☐	☐
Were sample containers received intact?	☑	☐	☐
Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
Were samples accompanied by a Chain of Custody document?	☑	☐	☐
Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☐	☑	☐
Did sample container labels agree with Chain of Custody document?	☑	☐	☐
Were samples received within method-specific holding times?	☑	☐	☐

Summary of Hits

Lab ID: SC33298-01 **Client ID:** Outfall 003

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Total Suspended Solids	2.1		0.5	mg/l	SM2540D (11)

Please note that because there are no reporting limits associated with hazardous waste characterizations or micro analyses, this summary does not include hits from these analyses if included in this work order.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
Outfall 003 SC33298-01	Gulf Chelsea	Surface Water	06-Apr-17 11:00	10-Apr-17

CAS No.	*Analyte(s)*	*Result*	*Flag*	*Units*	**RDL*	*MDL*	*Dilution*	*Method Ref.*	*Prepared*	*Analyzed*	*Analyst*	*Batch*	*Cert.*
Volatile Organic Compounds													
Volatile Organic Aromatics by SW846 8260 Prepared by method SW846 5030 Water MS													
71-43-2	Benzene	< 1.0		µg/l	1.0	0.3	1	SW846 8260C	11-Apr-17	12-Apr-17	GMA	1706027	
91-20-3	Naphthalene	< 1.0		µg/l	1.0	0.4	1	"	"	"	"	"	
Surrogate recoveries:													
460-00-4	*4-Bromofluorobenzene*	*96*			*70-130 %*			"	"	"	"	"	
2037-26-5	*Toluene-d8*	*97*			*70-130 %*			"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*114*			*70-130 %*			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*100*			*70-130 %*			"	"	"	"	"	
Semivolatile Organic Compounds by GCMS													
SVOCs by SIM Prepared by method SW846 3510C													
50-32-8	Benzo (a) pyrene	< 0.051		µg/l	0.051	0.036	1	SW846 8270D SIM	12-Apr-17	13-Apr-17	MSL	1706060	
91-20-3	Naphthalene	< 0.051		µg/l	0.051	0.027	1	"	"	"	"	"	
Surrogate recoveries:													
205440-82-0	*Benzo (e) pyrene-d12*	*61*			*30-130 %*			"	"	"	"	"	
General Chemistry Parameters													
	pH	**7.13**		pH Units			1	ASTM D 1293-99B	10-Apr-17 18:33	10-Apr-17 18:33	TY	1705984	X
	Total Suspended Solids	**2.1**		mg/l	0.5	0.2	1	SM2540D (11)	11-Apr-17	14-Apr-17	CMB	1706009	X
Subcontracted Analyses													
Prepared by method 383702													
*Analysis performed by Phoenix Environmental Labs, Inc. * - MACT007*													
	Oil and Grease by EPA 1664A	< 1.4		mg/L	1.4	1.4	1	E1664A		21-Apr-17 07:33	MACT0	383702A	

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW846 8260C										
Batch 1706027 - SW846 5030 Water MS										
Blank (1706027-BLK1)					Prepared & Analyzed: 11-Apr-17					
Benzene	< 1.0		µg/l	1.0						
Ethylbenzene	< 1.0		µg/l	1.0						
Methyl tert-butyl ether	< 1.0		µg/l	1.0						
Naphthalene	< 1.0		µg/l	1.0						
Toluene	< 1.0		µg/l	1.0						
m,p-Xylene	< 2.0		µg/l	2.0						
o-Xylene	< 1.0		µg/l	1.0						
Surrogate: 4-Bromofluorobenzene	*47.7*		µg/l		*50.0*		*95*	*70-130*		
Surrogate: Toluene-d8	*48.2*		µg/l		*50.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*53.6*		µg/l		*50.0*		*107*	*70-130*		
Surrogate: Dibromofluoromethane	*48.7*		µg/l		*50.0*		*97*	*70-130*		
LCS (1706027-BS1)					Prepared & Analyzed: 11-Apr-17					
Benzene	**17.7**		µg/l		20.0		89	70-130		
Ethylbenzene	**20.5**		µg/l		20.0		102	70-130		
Methyl tert-butyl ether	**19.6**		µg/l		20.0		98	70-130		
Naphthalene	**21.5**		µg/l		20.0		108	70-130		
Toluene	**18.1**		µg/l		20.0		91	70-130		
m,p-Xylene	**20.7**		µg/l		20.0		104	70-130		
o-Xylene	**20.3**		µg/l		20.0		101	70-130		
Surrogate: 4-Bromofluorobenzene	*49.3*		µg/l		*50.0*		*99*	*70-130*		
Surrogate: Toluene-d8	*48.0*		µg/l		*50.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*54.5*		µg/l		*50.0*		*109*	*70-130*		
Surrogate: Dibromofluoromethane	*50.2*		µg/l		*50.0*		*100*	*70-130*		
LCS Dup (1706027-BSD1)					Prepared & Analyzed: 11-Apr-17					
Benzene	**18.5**		µg/l		20.0		93	70-130	4	20
Ethylbenzene	**21.4**		µg/l		20.0		107	70-130	4	20
Methyl tert-butyl ether	**19.9**		µg/l		20.0		99	70-130	2	20
Naphthalene	**21.4**		µg/l		20.0		107	70-130	0.3	20
Toluene	**18.8**		µg/l		20.0		94	70-130	4	20
m,p-Xylene	**21.2**		µg/l		20.0		106	70-130	2	20
o-Xylene	**21.0**		µg/l		20.0		105	70-130	4	20
Surrogate: 4-Bromofluorobenzene	*48.1*		µg/l		*50.0*		*96*	*70-130*		
Surrogate: Toluene-d8	*47.9*		µg/l		*50.0*		*96*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*55.1*		µg/l		*50.0*		*110*	*70-130*		
Surrogate: Dibromofluoromethane	*50.0*		µg/l		*50.0*		*100*	*70-130*		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW846 8270D SIM										
Batch 1706060 - SW846 3510C										
Blank (1706060-BLK2)					Prepared & Analyzed: 12-Apr-17					
Acenaphthene	< 0.050		µg/l	0.050						
Acenaphthylene	< 0.050		µg/l	0.050						
Anthracene	< 0.050		µg/l	0.050						
Benzo (a) anthracene	< 0.050		µg/l	0.050						
Benzo (a) pyrene	< 0.050		µg/l	0.050						
Benzo (b) fluoranthene	< 0.050		µg/l	0.050						
Benzo (g,h,i) perylene	< 0.050		µg/l	0.050						
Benzo (k) fluoranthene	< 0.050		µg/l	0.050						
Chrysene	< 0.050		µg/l	0.050						
Dibenzo (a,h) anthracene	< 0.050		µg/l	0.050						
Fluoranthene	< 0.050		µg/l	0.050						
Fluorene	< 0.050		µg/l	0.050						
Indeno (1,2,3-cd) pyrene	< 0.050		µg/l	0.050						
Naphthalene	< 0.050		µg/l	0.050						
Phenanthrene	< 0.050		µg/l	0.050						
Pyrene	< 0.050		µg/l	0.050						
Surrogate: Benzo (e) pyrene-d12	*0.940*		µg/l		*1.00*		*94*	*30-130*		
LCS (1706060-BS2)					Prepared & Analyzed: 12-Apr-17					
Acenaphthene	**0.685**		µg/l	0.050	1.00		68	40-140		
Acenaphthylene	**0.776**		µg/l	0.050	1.00		78	40-140		
Anthracene	**0.711**		µg/l	0.050	1.00		71	40-140		
Benzo (a) anthracene	**0.743**		µg/l	0.050	1.00		74	40-140		
Benzo (a) pyrene	**0.722**		µg/l	0.050	1.00		72	40-140		
Benzo (b) fluoranthene	**0.722**		µg/l	0.050	1.00		72	40-140		
Benzo (g,h,i) perylene	**0.672**		µg/l	0.050	1.00		67	40-140		
Benzo (k) fluoranthene	**0.866**		µg/l	0.050	1.00		87	40-140		
Chrysene	**0.724**		µg/l	0.050	1.00		72	40-140		
Dibenzo (a,h) anthracene	**0.765**		µg/l	0.050	1.00		76	40-140		
Fluoranthene	**0.733**		µg/l	0.050	1.00		73	40-140		
Fluorene	**0.681**		µg/l	0.050	1.00		68	40-140		
Indeno (1,2,3-cd) pyrene	**0.719**		µg/l	0.050	1.00		72	40-140		
Naphthalene	**0.667**		µg/l	0.050	1.00		67	40-140		
Phenanthrene	**0.839**		µg/l	0.050	1.00		84	40-140		
Pyrene	**0.766**		µg/l	0.050	1.00		77	40-140		
Surrogate: Benzo (e) pyrene-d12	*0.980*		µg/l		*1.00*		*98*	*30-130*		
LCS Dup (1706060-BSD2)					Prepared & Analyzed: 12-Apr-17					
Acenaphthene	**0.772**		µg/l	0.050	1.00		77	40-140	12	20
Acenaphthylene	**0.798**		µg/l	0.050	1.00		80	40-140	3	20
Anthracene	**0.823**		µg/l	0.050	1.00		82	40-140	15	20
Benzo (a) anthracene	**0.857**		µg/l	0.050	1.00		86	40-140	14	20
Benzo (a) pyrene	**0.786**		µg/l	0.050	1.00		79	40-140	8	20
Benzo (b) fluoranthene	**0.764**		µg/l	0.050	1.00		76	40-140	6	20
Benzo (g,h,i) perylene	**0.709**		µg/l	0.050	1.00		71	40-140	5	20
Benzo (k) fluoranthene	**0.900**		µg/l	0.050	1.00		90	40-140	4	20
Chrysene	**0.854**		µg/l	0.050	1.00		85	40-140	16	20
Dibenzo (a,h) anthracene	**0.817**		µg/l	0.050	1.00		82	40-140	7	20
Fluoranthene	**0.791**		µg/l	0.050	1.00		79	40-140	8	20
Fluorene	**0.790**		µg/l	0.050	1.00		79	40-140	15	20
Indeno (1,2,3-cd) pyrene	**0.713**		µg/l	0.050	1.00		71	40-140	0.8	20
Naphthalene	**0.731**		µg/l	0.050	1.00		73	40-140	9	20

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
SW846 8270D SIM										
Batch 1706060 - SW846 3510C										
LCS Dup (1706060-BSD2)					Prepared & Analyzed: 12-Apr-17					
Phenanthrene	**0.886**		µg/l	0.050	1.00		89	40-140	5	20
Pyrene	**0.896**		µg/l	0.050	1.00		90	40-140	16	20
Surrogate: Benzo (e) pyrene-d12	*0.970*		µg/l		*1.00*		*97*	*30-130*		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
ASTM D 1293-99B										
Batch 1705984 - General Preparation										
Reference (1705984-SRM1)						Prepared & Analyzed: 10-Apr-17				
pH	**6.02**		pH Units		6.00		100	97.5-102.5		
Reference (1705984-SRM2)						Prepared & Analyzed: 10-Apr-17				
pH	**6.02**		pH Units		6.00		100	97.5-102.5		
SM2540D (11)										
Batch 1706009 - General Preparation										
Blank (1706009-BLK1)						Prepared: 11-Apr-17 Analyzed: 14-Apr-17				
Total Suspended Solids	< 0.5		mg/l	0.5						
LCS (1706009-BS1)						Prepared: 11-Apr-17 Analyzed: 14-Apr-17				
Total Suspended Solids	**104**		mg/l	10.0	100		104	90-110		

Subcontracted Analyses - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
E1664A										
Batch 383702A - 383702										
BLK (BY04126-BLK)						Prepared & Analyzed: 21-Apr-17				
Oil and Grease by EPA 1664A	< 1.4		mg/L	1.4	40			-		
LCS (BY04126-LCS)						Prepared: Analyzed: 21-Apr-17				
Oil and Grease by EPA 1664A	**39.60**		mg/L	1.4	40		99	85-115		20

Notes and Definitions

dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference
OG	The required Matrix Spike and Matrix Spike Duplicate (MS/MSD) for Oil & Grease method 1664B can only be analyzed when the client has submitted sufficient sample volume. An extra liter per MS/MSD is required to fulfill the method QC criteria. Please refer to Chain of Custody and QC Summary (MS/MSD) of the Laboratory Report to verify ample sample volume was submitted to fulfill the requirement.
pH	The method for pH does not stipulate a specific holding time other than to state that the samples should be analyzed as soon as possible. For aqueous samples the 40 CFR 136 specifies a holding time of 15 minutes from sampling to analysis. Therefore all aqueous pH samples not analyzed in the field are considered out of hold time at the time of sample receipt. All soil samples are analyzed as soon as possible after sample receipt.

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

SC 33298

SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY

CHAIN OF CUSTODY RECORD

Page 1 of 1

Special Handling:
- ☑ Standard TAT - 7 to 10 business days
- ☐ Rush TAT - Date Needed: _____

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 60 days unless otherwise instructed.

Report To: Andrew Adams
Gulf Oil LP
281 Eastern Ave
Chelsea, MA 02150
Telephone #: 617.884.5980
Project Mgr: Andrew Adams

Invoice To: Christopher Gill
Gulf Oil LP
80 William St, Suite 400
Wellesley, MA 02481-3705
P.O No.: _____ Quote/RQN: _____

Project No: Gulf Chelsea
Site Name: Gulf Chelsea Terminal
Location: 281 Eastern Ave, Chelsea State: MA
Sampler(s): _____

F=Field Filtered **1**=Na_2S2O_3 **2**=HCl **3**=H_2SO_4 **4**=HNO_3 **5**=NaOH **6**=Ascorbic Acid
7=CH_3OH **8**=$NaHSO_4$ **9**=Deionized Water **10**=H_3PO_4 **11**= none **12**= _____

DW=Dinking Water **GW**=Groundwater **SW**=Surface Water **WW**=Waste Water
O=Oil **SO**=Soil **SL**=Sludge **A**=Indoor/Ambient Air **SG**=Soil Gas
X1= _____ **X2**= _____ **X3**= _____

G= Grab **C**=Composite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analysis: TSS, pH	O&G	VOCs (benzene & naphthalene)	PAH (benz(a) pyrene & naphthalene)	Check if chlorinated
						List Preservative Code below:				11	3	2	11	
33298-01	Outfall 003	4-6-17	11:00	G	SW				1	X				☐
	Outfall 003	4-6-17	11:00	G	SW		1				X			☐
	Outfall 003	4-6-17	11:00	G	SW	3						X		☐
	Outfall 003	4-6-17	11:00	G	SW		1						X	☐
														☐
														☐
														☐
														☐
														☐
														☐

QA/QC Reporting Notes:
* additional charges may appply

MA DEP MCP CAM Report? ☐ Yes ☐ No
CT DPH RCP Report? ☐ Yes ☐ No
☑ Standard ☐ No QC ☐ DQA*
☐ ASP A* ☐ ASP B*
☐ NJ Reduced* ☐ NJ Full*
☐ Tier II* ☐ Tier IV*
☐ Other: _____
State-specific reporting standards:

Required MLs:
benzene 2 µg/L
naphthalene 5 µg/L
benzo(a)pyrene 0.1 µg/L

Relinquished by:	Received by:	Date:	Time:
		4-10-17	1250
		4/10/17	1537

Temp °C
Observed: 1.2
Correction Factor: 0
Corrected: 1.2
IR ID #: 01

☐ EDD format: _____
☑ E-mail to: aadams@gulfoil.com, cgill@gulfoil.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken
☐ Ambient ☐ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Batch Summary

1705984

General Chemistry Parameters

1705984-SRM1
1705984-SRM2
SC33298-01 (Outfall 003)

1706009

General Chemistry Parameters

1706009-BLK1
1706009-BS1
SC33298-01 (Outfall 003)

1706027

Volatile Organic Compounds

1706027-BLK1
1706027-BS1
1706027-BSD1
SC33298-01 (Outfall 003)

1706060

Semivolatile Organic Compounds by GCMS

1706060-BLK2
1706060-BS2
1706060-BSD2
SC33298-01 (Outfall 003)

383702A

Subcontracted Analyses

BY04126-BLK
BY04126-LCS
SC33298-01 (Outfall 003)

S703521

Volatile Organic Compounds

S703521-CAL1
S703521-CAL2
S703521-CAL3
S703521-CAL4
S703521-CAL5
S703521-CAL6
S703521-CAL7
S703521-CAL8
S703521-CAL9
S703521-CALA
S703521-CALB
S703521-ICV1
S703521-LCV1
S703521-LCV2
S703521-TUN1

S703654

Semivolatile Organic Compounds by GCMS

S703654-CAL1
S703654-CAL2
S703654-CAL3
S703654-CAL4
S703654-CAL5
S703654-CAL6
S703654-CAL7
S703654-CAL8
S703654-CAL9
S703654-CALA
S703654-CALB
S703654-ICV1
S703654-LCV1
S703654-LCV2
S703654-TUN1

S703658

Volatile Organic Compounds

S703658-CCV1
S703658-TUN1

S703717

Semivolatile Organic Compounds by GCMS

S703717-CCV1
S703717-TUN1

S703772

Semivolatile Organic Compounds by GCMS

S703772-CCV1
S703772-TUN1